

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9 Sub. Code :

1	7	5	5	4
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Exam. Code :

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B.A./B.Sc. (General) 6th Semester

(2056)

ZOOLOGY

**Paper-II : Applied Zoology-II Opt. (ii) Economic
Entomology and Pest Management-II (ZOO-602B)**

Time Allowed : Three Hours] [Maximum Marks : 36

Note:— Attempt **Five** questions in all including question number **1** which is compulsory and selecting **one** question from each unit. Draw neat and clean diagrams.

1. Give short answers :

- (a) Apiary
- (b) Flora of Apiculture
- (c) Bee wax
- (d) Host plants of lac insects
- (e) Synergids
- (f) Characteristics of good fumigants
- (g) What is microbial control ?
- (h) Hazards of chemical control.

1×8=8

UNIT-I

2. Define Sericulture. Discuss the requirements to establishing sericulture unit. 7

3. Write notes on :

(a) Grainage management in sericulture

(b) Univoltine and Multivoltine.

4+3=7

UNIT-II

4. Explain methods and equipment used in bee keeping with help of suitable diagrams. 7

5. Write note on strains & enemies of lac insect. 3+4=7

UNIT-III

6. Define the term botanical insecticides and explain it with suitable examples. 7

7. Write type, classification & nature of following insecticides

(a) DDT

(b) Malathion

(c) Carbofuran.

3+2+2=7

UNIT-IV

8. Explain Microbial Control with help of Bacteria, virus and Fungi. 7

9. Explain IPM Pre-requisites and its benefits in pest control. 7